

M-file Calibration distributions

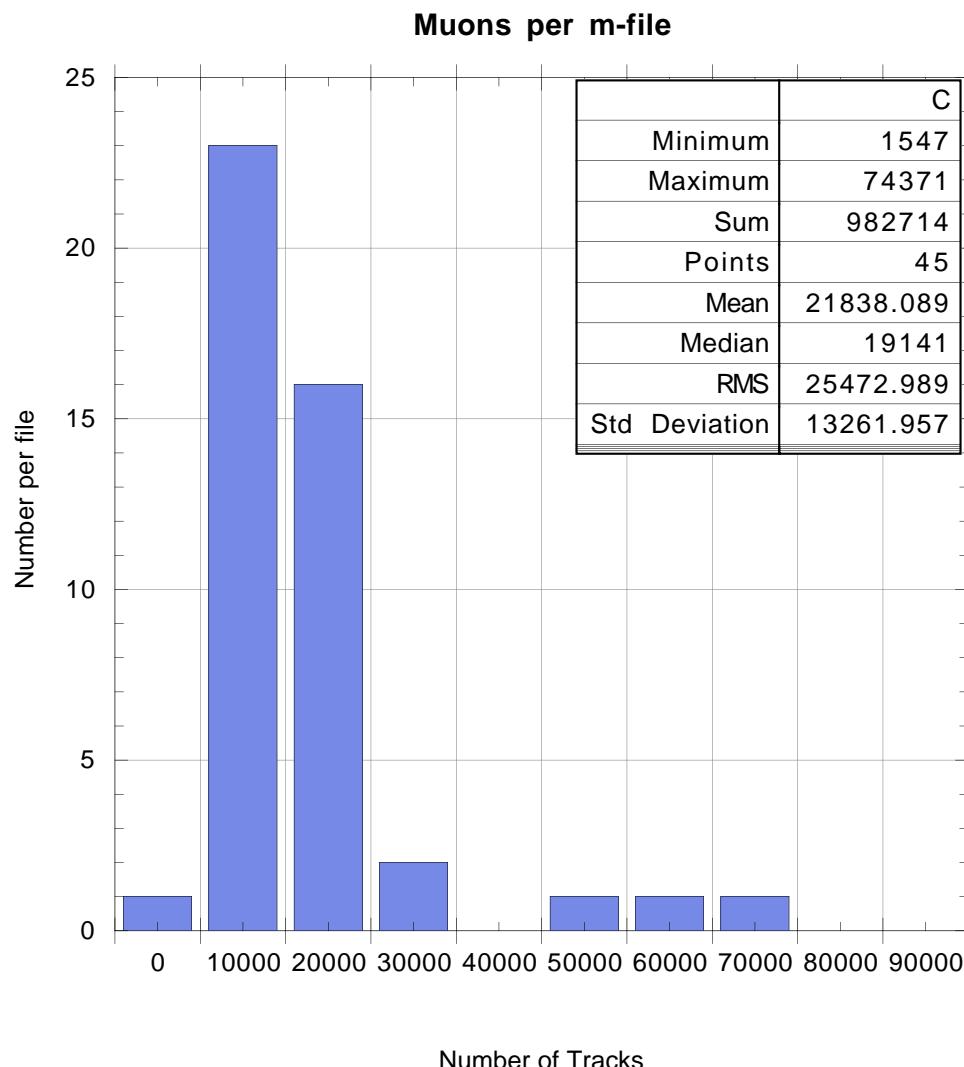
Recall that we can use the penetrating muons in the m-files for calibrating the emulsion data relative to the spectrometer (SFT) coordinate system.

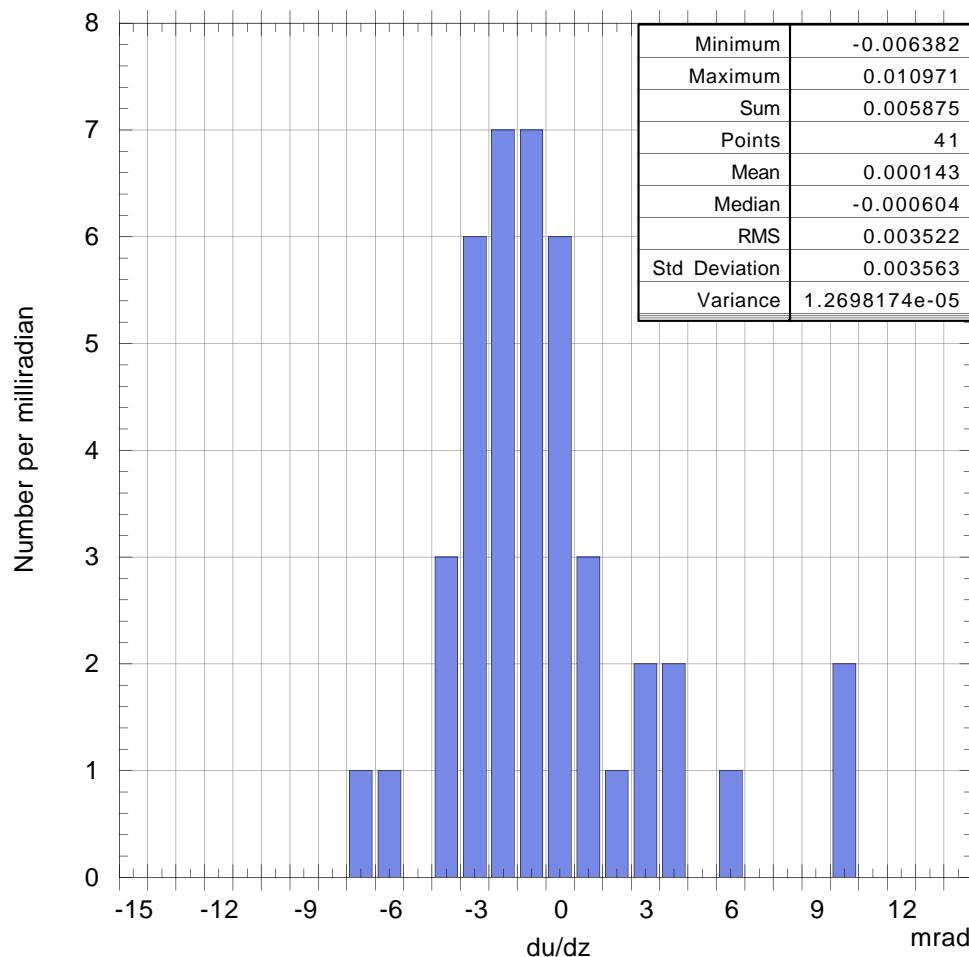
One can extract:

- correction to du/dz (*position of "eyes"*)
- correction to dv/dz (" " ")
- z -scale correction (*distance between "eyes"*)

It requires at least 3000 tracks for a reliable calibration

Here, we show distributions from the first 44 m-files available



Correction: du/dz

Correction: dv/dz